

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

HP Docket No.: 10960787- 5

Patent Application

Inventor(s): C. Venkatraman, et al.

Group Art: 2142

Serial No.: 09/721,409

Examiner: HARRELL, Robert B.

Filed: November 21, 2000

**Title: Embedding a Web Server into a Device for Accessing
Information in a Web Page (as amended)**

DECLARATION OF JEFFREY A MORGAN
UNDER 37 C.F.R. § 1.31

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Jeffrey A. Morgan, hereby declare that:

1. I am making this declaration under 37 C.F.R. §1.131 in connection with above identified patent application.
2. I am a co-inventor of the above identified application. The other inventor is Chandrasekar Venkatraman. Upon information and belief, Hewlett Packard Company is the assignee of record of the above identified patent application.
3. I am a citizen of the United Kingdom of Great Britain and Northern Ireland, and currently reside at 1401 Aster Lane, Cupertino, California 95014.
4. I am currently employed by Hewlett Packard Company of Palo Alto, California. I have been working for Hewlett Packard Company since February 3, 1986.
5. I have reviewed U.S. Patent No. 6,209,048, Wolff ("Wolff"), a copy of which is attached hereto as Exhibit 1. The Wolff patent was issued on March 27, 2001 and has a filing date of February 9, 1996.
6. I had no knowledge of the Wolff patent until in-house patent attorney, Eileen Lehmann, sent it to me in an e-mail of

April 13, 2005, a partially masked copy of which is attached hereto as Exhibit 2.

7. The invention disclosed and claimed in the above-identified patent application was conceived and reduced to practice in the United States of America prior to the filing date of the Wolff patent. The invention disclosed and claimed in the above-identified patent application was conceived in the United States of America no later than February 8, 1996. A working prototype containing the present invention disclosed and claimed in the above-identified patent application was operative in the United States of America no later than February 8, 1996.
8. Attached hereto as Exhibit 3 is a true and correct photocopy of four partially masked pages of my laboratory notebook. The entries in the attached four pages of my laboratory notebook show and discuss the use of web-based protocols to control a device. All of the attached four pages of my laboratory notebook were written no later than February 8, 1996.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under 18U.S.C. §1001, and that such willful false statements may jeopardize the validity of the above identified patent application or any patent issued thereon.

Executed on: April 21st, 2005, at Palo Alto, California

By: _____

Jeffrey A. Morgan

Lehmann, Eileen

From: Lehmann, Eileen
Sent: Wednesday, March 30, 2005 2:37 PM
To: Venkatraman, Chandrasekar; Morgan, Jeffrey A
Subject: Materials for Web Page in Every Device

Attachments: US5956487.pdf; US6219708.pdf; US5917405.pdf; VFF8.PDF; N9VP.pdf



US5956487.pdf
(639 KB)



US6219708.pdf
(985 KB)



US5917405.pdf (5
MB)



VFF8.PDF (1 MB)



N9VP.pdf (3 MB)

ATTORNEY CLIENT PRIVILEGED AND HP CONFIDENTIAL

Hi Jeff and Chandra:


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Thank you,
Eileen

Exhibit 2

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 HEWLETT PACKARD	INVENTION DISCLOSURE	PDNO <u>10960787</u>	Attorney <u>TRC</u>
		Date Received: <u>5/31/96</u>	<u>BISL</u>

Company Confidential: The information contained in this document is COMPANY CONFIDENTIAL and may not be disclosed to others without prior authorization.

Please submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared and submitted to the Government.

Descriptive title of invention:

Web Page in Every Device

Name of project:

Product name or number: HP Labs: Home Systems Project

The invention is described in my lab book # _____ or in the following other records: See attached

Has the invention been built or tested? No ☐ Yes ☒ Date built or tested: April, 1996

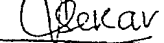
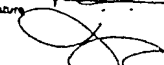
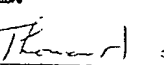
Was a description of the invention published or are you planning to publish? No ☒ Yes ☐

Date and location of any actual or proposed publication of the invention: _____

EXHIBIT 3

Signature of Inventor(s): PLEASE SEE BACK OF FORM FOR ADDITIONAL REQUIRED INVENTOR INFORMATION.

I (we) this date 2 May, 1996 submit this invention disclosure pursuant to my(our) employment agreement.

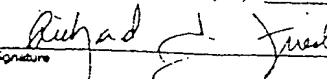
382159	C. VENKATRAMAN		857-8739	14-17	HPL/BISL
Emp. Number	Name	Signature	Telnet #	Mail Stop	Entity Name and Lab Name
154133	J. MORGAN		857-2501	14-17	HPL/BISL
Emp. Number	Name	Signature	Telnet #	Mail Stop	Entity Name and Lab Name
267575	Thomas A. Shoup		857-3711	14-19	HPL/BISL
Emp. Number	Name	Signature	Telnet #	Mail Stop	Entity Name and Lab Name

If more than three inventors, please sign on an additional disclosure form and attach to this page.

Please try to obtain the signature of the person(s) to whom the invention was first disclosed.

Signature of Witness(es):

The invention was first explained to and understood by me (us): _____, 19____.

Richard J. Friedrich		5/3/96
Full Name	Signature	Date of signature

_____	_____	_____
Full Name	Signature	Date of signature

From: "Lehmann, Eileen" <eileen.lehmann@hp.com>

Date: Wed, 13 Apr 2005 14:57:08 -0700

To: "Venkatraman, Chandrasekar" <chandrasekar.venkatraman@hp.com>, "Morgan, Jeffrey A" <jeff.morgan@hp.com>

Subject: Another Reference

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Chandra and Jeff:

Please review the 6,209,048 patent

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Thank you,
Eileen

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OLE features ~~supported~~ provided in OLE 2.0

Feature
Object Embedding

object linking

Can be Supported on web
NO - Assumes local Storage

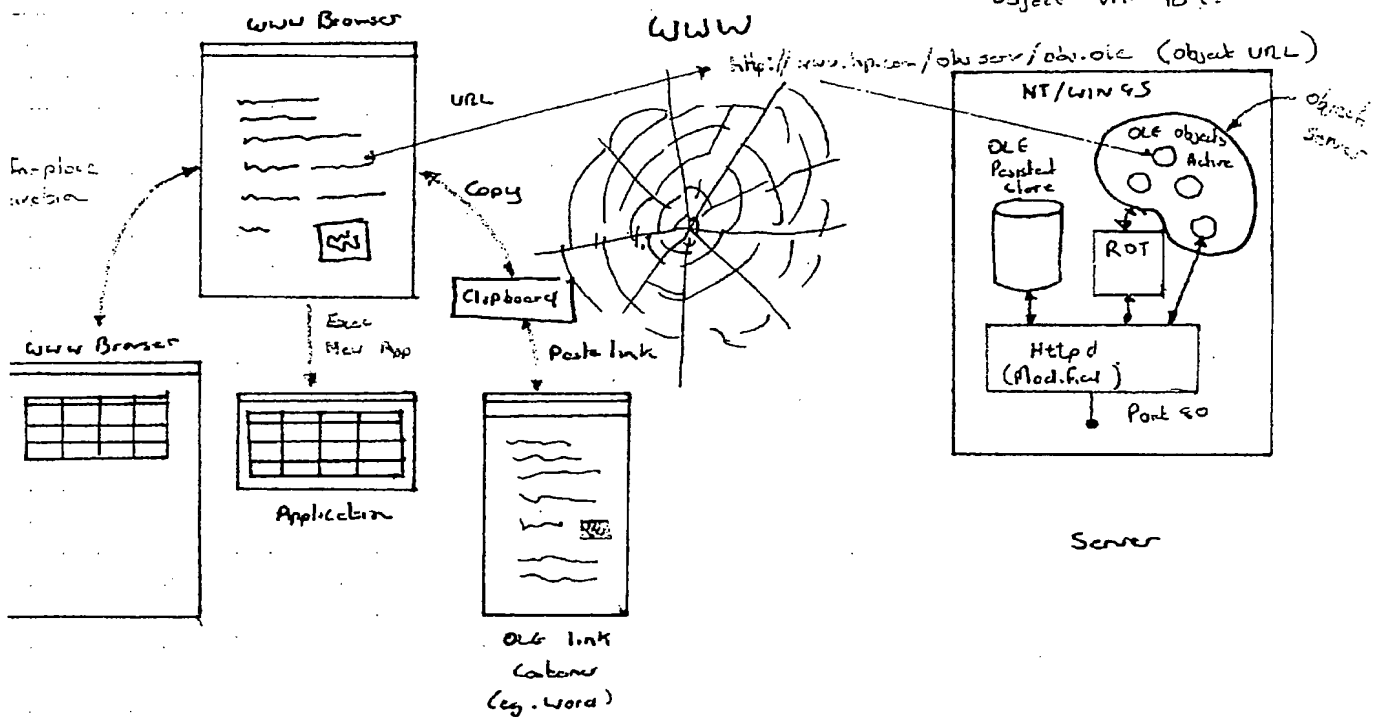
Yes - Access to native store format
Via IPersistStream
- Access to other interfaces
could be supported as
required.

Automation

Yes - Via support of IOleDispatch
Interface. Client / Server
only !!

Custom Interfaces

Perhaps. - Requires either compiler
support to generate proxies,
or out of band access to
object via RPC.



OLE Interfaces Required for First Phase

- IMonitor
- IROT
- IPersistStream
- IDataObject (?) Check this one

Questions

How do I activate the link on the client?

Object binding on the Web

1. The URL

1.1 `http://www.hp.com/server/objectstore/foo.obj`

The .obj extension defines that this is an object

1.2 `http://www.hp.com/server/objectstore/foo.<objSys>`

<objSys> = The system identifier for an object manager
eg.

OLE
COMOA
MediaObjects

1.2 Is preferable to 1.1 because it allows objects to be managed based on system types.

Object managers can be registered with the Server to manage objects requests from client based on client system used. An abstraction can be developed allowing other object systems to be integrated into the server dynamically. In this case the server must provide a mechanism for dynamically linking object managers.

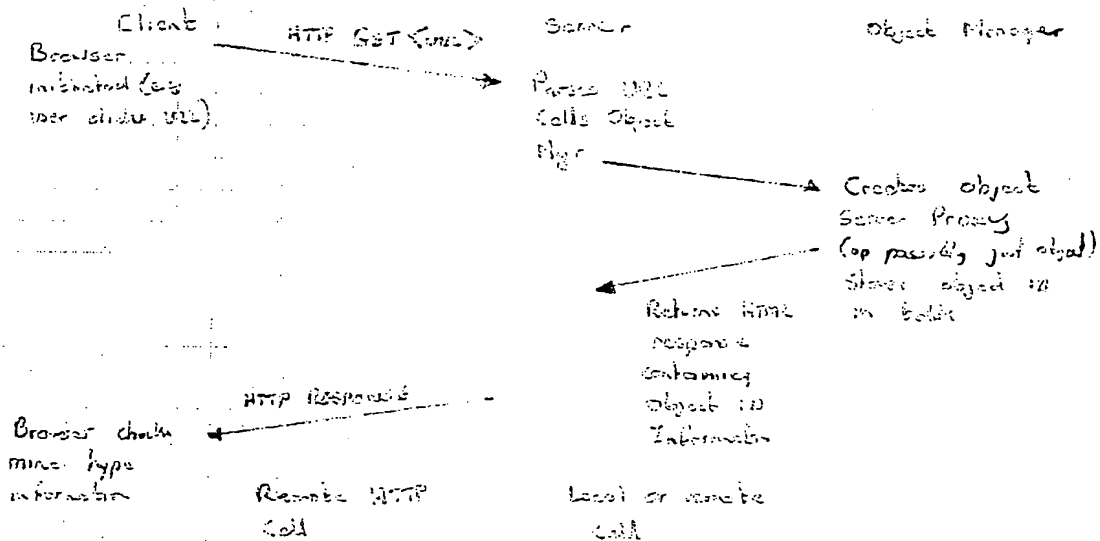
De

1. The request information

2.1 Use the GET method to request access to a URL encoded as in 1.

~~The request format will differ depending on~~

The Get method will be sent to the server



3. The response information

The response header will have the following information

HTTP/1.0 200 Object located <CR>
 Allow: POST <CR>
 Content-Type: <object specific> <CR>
 Message-Id: <unique object id>
 Content-length: <bytes>

else

HTTP/1.0 404 Object Not Found <CR>

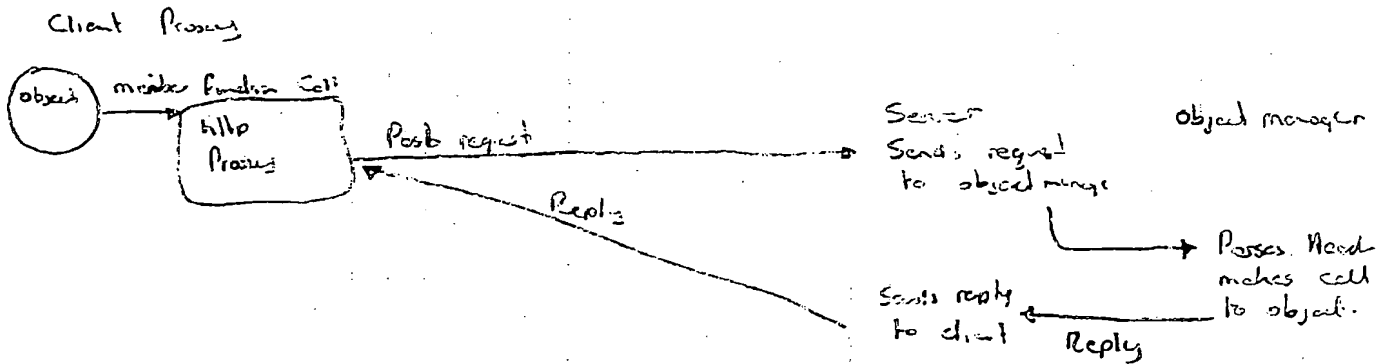
se could optionally use Content-Encoding, Content-Transfer-Encoding, expires could be used to auto delete object at the server if no one within a set time, and security information can be sent in headers

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4. The Post request will be used to send requests to the object.

The post request will include the following headers

Message-ID: {Object identifier}
 Content-Type: {object specific code}
 Content-Length: {Data sent to object}



5. The Reply response will be used to receive information results from the server

The Reply response will be:

Success

HTTP/1.0 200 Success <CRLF>
 Message-ID: {object identifier}
 Content-Type: {object specific}
 Content-length: {number of bytes}

[Handwritten signature]